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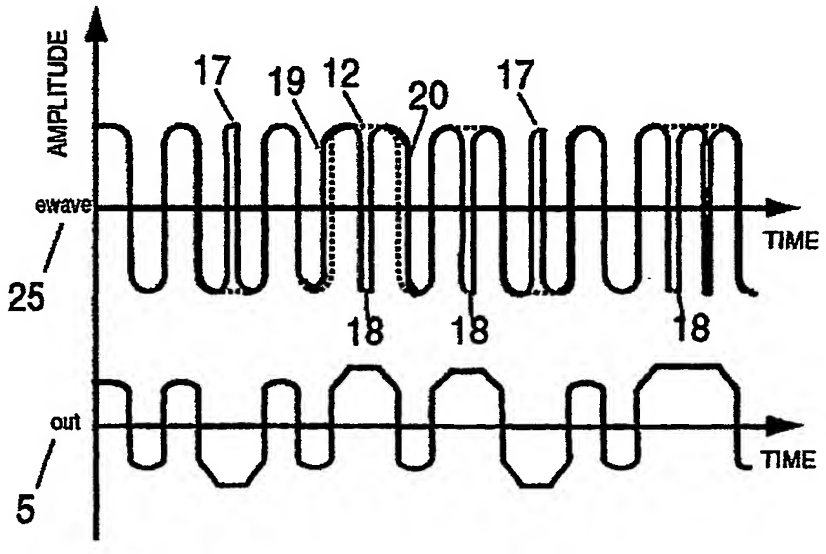
(54) Title: METHOD AND APPARATUS FOR ADAPTING AN INFORMATION CARRYING SIGNAL



(57) Abstract: A method and apparatus for adapting an information carrying signal (25, 26) is described. The method involves the controllable introducing of sub-pulses (17, 18, 19 and 20) to the data pulses of an information carrying signal (25) which effectively allows the controllable removal of energy from the information carrying signal (25). The method and apparatus can be readily employed within a transmitter (2) of a communication system so as to overcome signal impairment effects within the system or to act as a frequency bandpass filter. The invention has particular application as an equalisation element in the field of fibre optic communications networks so as to counteract dispersion and other complex signal impairments

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